Approved for use through 10/31/20. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION **TRANSMITTAL**

| First Inventor | | Ballatore, et al. | 0 |
|----------------|-------------------------------|--|---|
| Title | Apparatus and and Application | Method for Fabricating High Density Microarrays ns Thereof | Ē |
| | | | |

NB 2020.01

Express Mail Label No.

| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | 5/2 | | | |
|--|--|--|--|--|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | ADDRESS TO: Box Patent Application Alexandria, VA 22313-1450 | | | |
| | check all that apply) | | | |
| Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims a small entity status. See 37 CFR 1.27. Specification [Total Pages 40] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table or computer program listing appendix - Background of the Invention - Brief Summary of the Invention | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies | | | |
| | ACCOMPANYING APPLICATION PARTS | | | |
| Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of of the Disclosure | 9. Assignment Papers (cover sheet & document(s)) | | | |
| 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 1] | 10. The statement (where there is an assignee) Power of Attorney | | | |
| 5. X Oath or Declaration (unsigned) [Total Pages 2] | 11. English Translation Document (if applicable) | | | |
| a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, an amendment, or in an Application Data Sheet under 37 CFR 1 Continuation Divisional Continuation Continuation Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of to 5b, is considered a part of the disclosure of the accompanying continuation incorporation can only be relied upon when a portion has been inadvertent | Information Disclosure Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 18. Supply the requisite information below and in a preliminary 19.76: On-in-part Of prior application No. * Group Art Unit: The prior application, from which an oath or declaration is supplied under Box and or divisional application and is hereby incorporated by reference. The | | | |
| Customer Number or Bar Code Label 23639 | or Correspondence address below | | | |
| (Insert Customer No. or | Attach bar code label here) | | | |
| Name Bingham McCutchen LLP | | | | |
| Address Three Embarcadero Center, Suite 18 | | | | |
| City San Francisco State Country US , Telephone | | | | |
| Name (Print/Type) Antoine te F Monson | Registration No. (Attorney/Agent) 34,202 11 1 2002 | | | |
| Signature //////////////////////////////////// | Date 7/1, 2003 | | | |
| Express Mail Label No.: EV 313 811 408 US Date of Deposit: November 14, 2003 I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop: Patent Application, Alexandria, VA 22313-1450. | | | | |

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Attorney Docket No.

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| 1 | for | FY | 200 | 4 | |

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

| 5) | 385 |
|----|-----|

| Complete if Known | | | | | |
|----------------------|-------------------|--|--|--|--|
| Application Number | Not Yet Assigned | | | | |
| Filing Date | November 14, 2003 | | | | |
| First Named Inventor | Ballatore, et al. | | | | |
| Examiner Name | Unassigned | | | | |
| Art Unit | Unassigned | | | | |
| Attorney Docket No. | NB 2020.01 | | | | |

| METHOD OF PAYMENT (check all that apply) | | | | FEE CALCULATION (continued) | | | | |
|---|--|---|---------------------|---|--------------|-------------|--|----------|
| Cheek Conditioned | | | 3. AI | 3. ADDITIONAL FEES | | | | |
| ☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order | | | Large | Entity | Small E | ntity | | |
| ☐ Deposit Account: | | | | | | | | |
| Deposit | | | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
| Account | 50-2518 | | 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| Number | | | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| Deposit | | | 1053 | 130 | 1053 | 130 | Non-English specification | |
| Account Bingham McCutchen LLP | | | 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| Name The Director is au | thorized to: (check all that a | | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| | | | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| | ndicated below, except for the | e filing fee | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| to the above-identi | fied deposit account. FEE CALCULATION | | 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1. BASIC FI | LING FEE | · · · · · · · · · · · · · · · · · · · | 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| Large Entity S | Small Entity | | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| | ee Fee <u>Fee Descriptio</u> ode (\$) | <u>n</u> Fee Paid | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1 | 001 385 Utility filing fee | 385 | 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1 | 002 170 Design filing fee | <u> </u> | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| l l | 003 265 Plant filing fee | | 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1004 770 2 | 004 385 Reissue filing fe | | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1005 160 2 | 005 80 Provisional fillin | g tee | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | |
| | SUBTOTAL (1) | (\$) 385 | 1453 | 1,330 | 2453 | 665 | Petition to revive – unintentional | |
| | | | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 2. EXTRA CLA | M FEES FOR UTILITY A | | 1502 | 480 | 2502 | 240 | Design issue fee | |
| | | Fee from Fee | 1503 | 640 | 2503 | 320 | Plant issue fee | |
| Total Claims 19 | -20 ** = 0 X | pelow Paid = 0 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| Independent | | | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| Claims 1 | -3" = 0 X | = 0 | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| Multiple Dependent Large Entity | X Small Entity | = 0 | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| Fee Fee Code (\$) | Fee Fee Fee Descri | ption | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1202 18 | 2202 9 Claims in e | xcess of 20 | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1201 86 1203 290 | • | nt claims in excess of 3 pendent claim, if not paid | 4004 | 770 | 0004 | 205 | | |
| 1204 86 | - | independent claims over | 1801 1802 | 770 900 | 2801 1802 | 385 900 | Request for Continued Examination (RCE) Request for expedited examination | |
| of a design application ** Reissue claims in excess of 20 and | | | | | | | | |
| over original patent | | | Other fee (specify) | | | | | |
| | SUBTOTAL (2) | (\$) 0 | *Redu | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 | | | | |
| **or number previo | usly paid, if greater; For Reissues, | see above | | | | | | |
| (auguster aug | | | | | | | | |

| SUBMITTED BY | | | | Co | omplete (if applicable) |
|-------------------|---------------------|--------------------------------------|--------|-----------|-------------------------|
| Name (Print/Type) | Antoinette 5/Konski | Registration No. (Atterney/Agent) | 34,202 | Telephone | (652) 849-4950 |
| Signature | Walounite | MUNH | | Date | 10.14,2003 |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Paternation Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.